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US EPA RECORDS CENTER REGION 5



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SAMPLING PLAN
FOR
WATER ANALYSIS
PURSUANT TO
REMEDIAL ACTION PLAN SECTIONS 3.2., 4.3.1., and 4.3.3.

ST. LOUIS PARK, MINNESOTA
REILLY TAR, N.P.L. SITE
SUBMITTED JUNE 13, 1986

SAMPLING PLAN

-Water Analysis- in St. Louis Park, Minnesota Reilly Tar, N.P.L. Site

INTRODUCTION

The City of St. Louis Park, Minnesota, and Reilly Tar and Chemical Corporation propose to sample water from City Wells SLP 10 and SLP 15 prior to and subsequent to treatment by a granular activated carbon (GAC) system recently constructed within the City of St. Louis Park, Minnesota. Also proposed is the analysis of water samples to be taken from City wells SLP 7 and SLP 9. All water sample analysis proposed within this Sampling Plan shall be completed pursuant to the provisions of applicable portions of Sections 3.2., 4.3.1., and 4.3.3. of the proposed Consent Decree - Remedial Action Plan, drafted to remedy damages to the environment in relation to the Reilly Tar, Minnesota, N.P.L. Site.

This Sampling Plan shall be considered an interim plan to assure the activation and use of the recently constructed GAC treatment system in a timely fashion to the benefit of the citizens of St. Louis Park and the environment. The Sampling Plan is comprised of four (4) sections:

- I. Water System Management Plan**
- II. Quality Assurance Project Plan**
- III. Health and Safety Plan**
- IV. Community Relations Plan**

WATER SYSTEM MANAGEMENT PLAN

The subject granular activated carbon (GAC) treatment system, located within the City of St. Louis Park, Minnesota, has been constructed to provide for the removal of polynuclear aromatic hydrocarbons (PAH) present in water taken from Prairie du Chien - Jordan aquifer wells SLP 10 and SLP 15. The treatment system shall be operated in accordance with the provisions of an operation and maintenance plan approved by the United States Environmental Protection Agency (U.S.E.P.A.) and Minnesota Pollution Control Agency (M.P.C.A.) pursuant to the requirements of Sections 4.2.1. and 4.2.3. of a proposed Consent Decree - Remedial Action Plan (RAP) for Reilly Tar, Minnesota, N.P.L. Site.

In accordance with the provisions of Sections 4.3.1. and 4.3.3. of the referenced RAP, water samples shall be gathered from the GAC treatment facility and adjacent City facilities for analysis as outlined in the attached Quality Assurance Project Plan (QAPP). In conjunction with the operation of the GAC treatment system, the City of St. Louis Park, Minnesota, will gather samples from Prairie du Chien - Jordan aquifer wells SLP 7 and SLP 9 in accordance with the provisions of the referenced QAPP.

All water samples shall be taken by representatives of the City of St. Louis Park, Minnesota. The following personnel/consultant shall be responsible for sampling, analysis, safety, and the related chain of custody tasks outlined in the referenced QAPP:

Field Supervisor	James Grube	(612) 924-2551
Field Coordinator	Bob Burke	(612) 924-2557
Sampling Team	Don Senander/Mike Higgins	(612) 924-2558
Safety Representative	Bill Thurston	(612) 924-2549
Laboratory Consultant	Environmental Research & Technology, Inc. (ERT)	See QAPP

HEALTH AND SAFETY PLAN

All tasks contained in this Sampling Plan shall follow Federal Occupational Safety and Health standards contained in 29 C.F.R. 1910. The basic level of protection for members of the Sampling Team is Level D - basic work uniform including appropriate rubber gloves to protect the sampler's skin and insure against sample contamination resulting from skin contact. Safety and health standards established by the laboratory consultant shall govern the actions of laboratory personnel.

Protection of the general public's health shall be insured by the banning of all non-essential personnel from the sampling sites during sample gathering. No member of the general public shall be allowed unchaperoned access to any facility.

All project personnel shall carry the following list of emergency numbers:

Emergency Radio Communication - Police Dispatcher

Emergency Telephone Communication - 911

Non-emergency Telephone Communication:

Notify: James Grube 924-2551

Bill Thurston 924-2549

COMMUNITY RELATIONS PLAN

Operation of the Granular Activated Carbon (GAC) treatment system and analysis of water samples shall be undertaken pursuant the provisions of the requirements embodied within a Consent Decree - Remedial Action Plan for Reilly Tar, Minnesota, N.P.L. Site. All community relations programs related to the operation and analysis shall be coordinated through the following agencies:

- United States - Ms. Judy Beck
United States Environmental Protection Agency
(312) 353-1325
- State of Minnesota - Ms. Susan Brustman
Minnesota Pollution Control Agency
(612) 296-7769
- City of St. Louis Park - Ms. Sharon Klumpp
City of St. Louis Park
(612) 924-2523